

SECTOR  
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Attorney Docket N . 17732-3856000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicati n No.: 09/823,600  
Date of Filing: 3/30/01  
Inventors: Chong, et al.  
Assignee: Fairchild Semiconductor Corporation  
Title: Packaging System for Die-Up Connection of a Die-Down Oriented Integrated Circuit  
Group Art Unit: 2811

Commissioner of Patents  
Washington, D.C. 20231

Dear Sir:

Enclosed for filing in the above-referenced patent application, please find the following:

1. Request for Correction of Filing Receipt and copy of same;
2. Response to Notice to File Missing Parts and copy of same;
3. Four (4) Declarations;
4. Four (4) Assignments of Rights with Recordation Cover;
5. Check in the amount of \$170.00;
6. Return postcard.

Respectfully submitted,

Date: 6/5/01  
Customer Number:

Patrick R. Scanlon  
Patrick R. Scanlon, Reg. No. 34,500  
Attorney for Applicants



27723

PATENT TRADEMARK OFFICE

CERTIFICATE OF MAILING

Date of Deposit

June 5, 2001

I hereby certify under 37 CFR 1.8 that this correspondence is being deposited with the United States Postal Service as "First Class Mail" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C., 20231

Constance S. Rogers

Constance S. Rogers



Attorney Docket N . 17732-3856000

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Date of Filing: 3/30/01  
Inventor: Chong, et al.  
Assignee: Fairchild Semiconductor Corporation  
Title: Packaging System for Die-up Connection of a Die-Down Oriented Integrated Circuit  
Group Art Unit: 2811

Assistant Commissioner of Patents  
Washington, D.C. 20231

Dear Sir:

REQUEST FOR CORRECTION OF TITLE OF INVENTION  
AS SHOWN ON FILING RECEIPT

The Filing Receipt, received on May 21, 2001, shows an incorrect Title of Invention in relation to the above-referenced patent application.

Applicant(s) respectfully requests that the Title, which was included on the Cover Sheet filed on March 30, 2001, be changed to show the correction as:

Packaging System ... not

Pakaging System ...

A copy of the referenced Official Filing Receipt with the requested changes, as well as a copy of the Cover Sheet are enclosed. If any further information or documentation is necessary to affect this change, Applicants respectfully request that the undersigned be contacted.

Respectfully submitted,

6/5/01  
Date  
Customer Number:

Patrick R. Scanlon  
Patrick R. Scanlon, Reg. No. 34,500  
Attorney for Applicants



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PATENT TRADEMARK OFFICE

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Constance S. Rogers  
Constance S. Rogers



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/823,600	03/30/2001	2811	710	17732-3856000	3	14	2

CONFIRMATION NO. 6055

27723  
PIERCE ATWOOD  
ONE MONUMENT SQUARE  
PORTLAND, ME 04101

## FILING RECEIPT



\*OC000000006069577\*

Date Mailed: 05/11/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

David Chong, Penang, MALAYSIA;  
HK Lee, Penang, MALAYSIA;  
Howard Allen, Limington, ME;  
Stephen Martin, South Portland, ME;

## Assignment For Published Patent Application

Fairchild Semiconductor Corp.;

## Domestic Priority data as claimed by applicant

## Foreign Applications

If Required, Foreign Filing License Granted 05/10/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

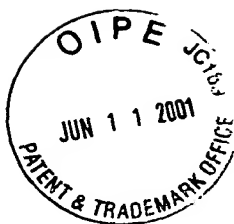
**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:



PATENT  
Attorney Docket No. 17732-3856000

APPLICATION  
FOR  
UNITED STATES LETTERS PATENT

TITLE: Packaging System for Die-Up Connection of a Die-Down  
Oriented Integrated Circuit

INVENTOR(S)

David Chong  
Penang, Malaysia

HK Lee  
Penang, Malaysia

Howard Allen  
Limington, Maine

Stephen Martin  
South Portland, Maine

ASSIGNEE (if applicable)

Fairchild Semiconductor Corporation  
South Portland, Maine

ENTITY: Large

Customer Number:



27723

PATENT TRADEMARK OFFICE

CERTIFICATE OF MAILING

"EXPRESS MAIL Mailing Label Number: EL487846101US Date of Deposit: March 30, 2001

I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, DC, 20231.

Constance S. Rogers



Attorney Dock t No. 17732-3856000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application N .: 09/823,600  
Date of Filing: 3/30/01  
Inventors: Chong, et al.  
Assignee: Fairchild Semiconductor Corporation  
Title: Packaging System for Die-Up Connection of a Die-Down Oriented Integrated Circuit  
Art Unit: 2811  
Examiner:

RESPONSE TO NOTICE TO FILE MISSING PARTS

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the May 11, 2001 Notice To File Missing Parts (copy of which is enclosed), Applicant respectfully submits for filing in the referenced application the following:

1. Declarations (4) executed by each of the Inventors;
2. Assignments of Rights (4), accompanied by the Recordation Cover Sheet;
3. Check in the amount of \$170.00 to include the late filing fee (\$130.00) and recordation of assignment of rights fee (\$40.00).

Thank you for your attention to this matter.

Respectfully submitted,

Date: 6/5/01

Patrick R. Scanlon  
Patrick R. Scanlon, Reg. No. 34,500  
Attorney for Applicants

Customer Number:



27723

PATENT TRADEMARK OFFICE

CERTIFICATE OF MAILING

Date of Deposit June 5, 2001

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Constance S. Rogers

Constance S. Rogers



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/823,600	03/30/2001	David Chong	17732-3856000

27723  
PIERCE ATWOOD  
ONE MONUMENT SQUARE  
PORTLAND, ME 04101

CONFIRMATION NO. 6055

## FORMALITIES LETTER



\*OC000000006069578\*

Date Mailed: 05/11/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

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*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

06/13/2001 KVVUXG1 00000042 09823600

01 FC:105

130.00 OP

RECEIVED

MAY 21 2001

Patrick R. Scanlon